LABDEX

Cooling Incubator LX301CI

Email: info@labdex.com **website:** www.labdex.com

Description

Cooling Incubator LX301CI is a multi-function and multi-purpose device that comes with a LCD program controller system and color LCD display. The inner chamber is made up of mirror stainless steel and the outer chamber is made up of Cold rolling steel electrostatic spraying exterior. Designed with over temperature alarm and digital temperature limiter function. It is suitable for several constant temperature experiments and environmental tests at 0 - 65°C, water analysis, microbe culture of BOD/ bacteria, plant breeding, sample preservation so on.

Specifications

Volume	150 L
Cycle mode	Forced convection
Temp. range	0 - 65℃
Temp. resolution ratio	0.1℃
Temp. motion	High temp: ± 0.5℃, Low temp: ± 1℃
Temp. uniformity	± 1℃
Inner chamber	Mirror stainless steel
Outer shell	Cold rolling steel electrostatic spraying exterior
Insulation layer	Polyurethane
Heater	Stainless steel heating tube
Power rating	1.0 kW
Compressor	Air cooled hermetic compressor
Cryogen	R134a

Defrost structure	Double evaporator switching defrosting
Test hole	43 mm
Controlled external power supply	Universal socket (one) Built in waterproof socked (one)
Temp. control mode	Color screen LCD program
Temp. setting mode	Touch button setting
Temp. display mode	Measuring temperature: LCD upper screen Setting temperature: The lower row
Timer	0 - 99.9 H x 30 Segment
Operation function	Program operation
Sensor	PT100
Additional function	LED light, Deviation correction, Menu key lock, Power failure parameter memory
Safety device	Over temperature alarm, digital temperature limiter
Load per rack	15 Kg
Maximum shelf number	12 Pcs
Shelf space	35 mm
Power supply	AC 220 V / 3.6 A
Inner chamber dimension (W x L x H)	500 x 500 x 600 mm

Exterior dimension (W x L x H)	660 x 760 x 1290 mm
Net weight	90 Kg
Packing dimension (W x L x H)	790 x 870 x 1470 mm
Gross weight	130 Kg

Features

- It has color LCD display
- Double evaporator switching defrosting syste
- Equipped with R134a and air cooled hermetic compressor
- Standard independent temperature limiter
- It has forced air convection function
- Over temperature alarm, sensor failure alarm and digital temperature limiter function
- Deigned with double doors, inner doors made up of high quality glass for observation of sample and outer doors made up of with magnetic strip with good sealing

Applications

- Used for incubation of microorganisms, preservation of samples and determination of enzymatic activities temperature control, plant breeding and environmental tests.

Standard Accessories

- Shelf x 2 pcs

Optional Accessories

- Spare shelf
- RS485 interface

- Printer
- Program controller
- Remote control
- U-disk storage

71-75 Shelton Street Covent Garden, London WC2H 9JQ UK.

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